

PTO/SB/08A (08-00)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Application Number	09/815,261
Filing Date	March 22, 2001
First Named Inventor	Branham et al.
Group Art Unit	1771
Examiner Name	
Attorney Docket Number	11302-1160 (44040-256044)

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
T.2	1	3,498,913		Sellet	3/3/70	
	2	3,632,507		Witt	1/4/72	
	3	3,766,002		Greif et al.	10/16/73	
	4	3,959,569		Burkholder Jr.	5/25/76	
	5	4,038,233		Shultz	7/26/77	
	6	4,336,345		Lewis et al.	6/22/82	
	7	4,501,641		Hirakawa et al.	2/26/85	
	8	4,609,431		Grose et al.	9/2/86	
	9	4,702,947		Pall et al.	10/27/87	
	10	5,041,252		Fujii et al.	8/20/91	
	11	5,059,630		Fujita et al.	10/22/91	
	12	5,200,037		Noda	4/6/93	
	13	5,245,785	A	Taniguchi et al.	9/21/93	
	14	5,342,335	A	Rhim	8/30/94	
	15	5,389,703	A	Lee	2/14/95	
	16	5,445,785	A	Rhim	8/29/95	
	17	5,486,418	A	Ohmory et al.	1/23/96	
	18	5,492,599	A	Olson et al.	2/20/96	
	19	5,582,704	A	Valko et al.	12/10/96	
	20	5,607,550	A	Akers	3/4/97	
	21	5,633,297	A	Valko et al.	5/27/97	
	22	5,660,928	A	Stokes et al.	8/26/97	

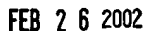
FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
T.2	23	EP	0 100 370	A1	Teijin Limited	2/15/84		
	24	EP	0 320 594	B2	Nippon Shokubai Co., Ltd.	6/21/89		
	25	EP	0 419 654	A1	Kohjin Co. Ltd.	4/3/91		
	26	EP	0 619 341	B1	Mitsubishi Chem. BASF Co.	10/12/94		
	27	EP	0 638 679	B1	Oji Paper Co. Ltd.	2/15/95		
	28	EP	0 835 957	A2	Fort James Corporation	4/15/98		
	29	EP	1 065 302	A1	Pigeon Corporation	1/3/01		
	30	JP	08113823	A	Kanebo Ltd.	5/7/96		
	31	WO	00/39378	A2	Kimberly-Clark Corporation	7/6/00		
	32	WO	01/35923	A1	The Procter & Gamble Co.	5/25/01		

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U.S. PATENT DOCUMENTS

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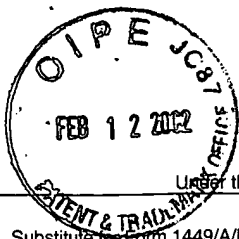
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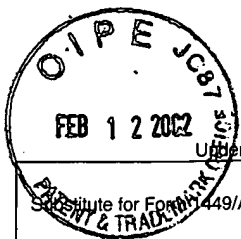
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T.Z.	1	RE 25880		Cline	10/65	
	2	RE 28957		Drelich et al.	9/76	
	3	2,185,789		Jacque	1/40	
	4	2,265,913		Lilienfeld	12/41	
	5	2,306,451		Lilienfeld	12/42	
	6	2,831,852		Savage	4/58	
	7	3,097,991		Miller et al.	7/63	
	8	3,099,067		Merriam et al.	7/63	
	9	3,255,140		Sinn	6/66	
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	12	3,388,082		Rodgers	6/68	
	13	3,406,688		Cubitt	10/68	
	14	3,435,705		Harmon	12/69	
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	16	3,461,193		Gilardi	8/69	
	17	3,480,016		Costanza et al.	11/69	
	18	3,483,240		Boudreau	12/69	
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	21	3,515,325		Kalwaites	6/70	
	22	3,521,638		Parrish	7/70	
	23	3,546,755		Lynch, Jr.	12/70	
	24	3,554,862		Hervey	1/71	
	25	3,561,447		Alexander	2/71	
	26	3,564,677		Kalwaites	2/71	
	27	3,577,586		Kalwaites et al.	5/71	
	28	3,595,454		Kalwaites	7/71	
	29	3,616,797		Champaigne, Jr. et al.	11/71	
	30	3,639,199		Brandts et al.	2/72	
	31	3,654,064		Laumann	4/72	
	32	3,656,672		Kalwaites	4/72	
	33	3,663,348		Liloi et al.	5/72	
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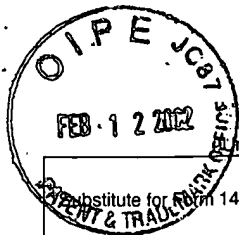
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T. Z.	36	3,670,731		Harron	6/72	
	37	3,683,919		Ells	8/72	
	38	3,702,610		Sheppard et al.	11/72	
	39	3,709,876		Glomski	1/73	
	40	3,712,847		Rasmussen	1/73	
	41	3,719,540		Hall	3/73	
	42	3,753,826		Plummer	8/73	
	43	3,800,797		Tunc	4/74	
	44	3,804,092		Tunc	4/74	
	45	3,838,695		Comerford et al.	10/74	
	46	3,839,319		Greminger	10/74	
	47	3,859,125		Miller et al.	1/75	
	48	3,865,918		Mitchell et al.	2/75	
	49	3,867,324		Clendinning	2/75	
	50	3,867,549		Costello et al.	2/75	
	51	3,869,310		Fukushima et al.	3/75	
	52	3,881,210		Drach et al.	5/75	
	53	3,881,487		Schrading	5/75	
	54	3,882,869		Hanke	5/75	
	55	3,897,782		Tunc	8/75	
	56	3,911,917		Hanke	10/75	
	57	3,913,579		Srinivasan et al.	10/75	
	58	3,923,592		George et al.	12/75	
	59	3,926,951		Lindenfors et al.	11/75	
	60	3,939,836		Tunc	2/76	
	61	3,950,578		Laumann	4/76	
	62	3,952,745		Duncan	4/76	
	63	3,976,734		Dunning et al.	8/76	
	64	3,978,257		Ring	8/76	
	65	3,991,754		Gertzman	11/76	
	66	4,005,251		Tunc	1/77	
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	68	4,011,871		Taft	3/77	
	69	4,018,647		Wietsma	4/77	
	70	4,032,993		Coquard et al.	7/77	
	71	4,035,540		Gander	7/77	
	72	4,073,777		O'Neill et al.	2/77	
	73	4,082,886		Butterworth et al.	4/78	

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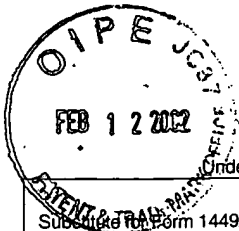
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T. Z.	74	4,084,033		Drelich	4/78	
	75	4,084,591		Takebe et al.	4/78	
	76	4,092,454		Domoto et al.	5/78	
	77	4,099,976		Kraskin et al.	7/78	
	78	4,112,167		Dake et al.	9/78	
	79	4,117,187		Adams et al.	9/78	
	80	4,136,798		Oberstein	1/79	
	81	4,144,122		Eamnuellsson, et al.	3/79	
	82	4,154,883		Elias	5/79	
	83	4,157,724		Persson	6/79	
	84	4,171,713		Ammannati et al.	2/79	
	85	4,186,233		Krajewski et al.	1/80	
	86	4,201,216		Mattei	5/80	
	87	4,226,753		Lewis et al.	10/80	
	88	4,245,744		Daniels et al.	1/81	
	89	4,258,849		Miller	3/81	
	90	4,264,289		Day	8/81	
	91	4,278,113		Persson	7/81	
	92	4,301,203		Keuchel	11/81	
	93	4,306,998		Wenzel et al.	12/81	
	94	4,332,319		Hurwood	6/82	
	95	4,343,134		Davidowich et al.	8/82	
	96	4,343,403		Daniels	8/82	
	97	4,344,804		Bijen et al.	8/82	
	98	4,352,649		Jacobsen et al.	10/82	
	99	4,353,687		Nielsen	10/82	
	100	4,372,447		Miller	2/83	
	101	4,377,544		Rasmussen	3/83	
	102	4,377,645		Guthrie et al.	3/83	
	103	4,385,019		Bernstein et al.	5/83	
	104	4,419,403		Varona	12/83	
	105	4,440,105		Jeltema	4/84	
	106	4,476,323		Hellsten, et al.	10/84	
	107	4,491,645		Thompson	1/85	
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	109	4,496,618		Okamoto	1/85	
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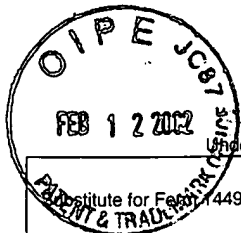
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T.Z.	111	4,512,279		Damrau et al.	4/85	
	112	4,528,360		Fujita et al.	7/85	
	113	4,559,157		Smith et al.	12/85	
	114	4,564,389		Lal	6/86	
	115	4,575,891		Valente	3/86	
	116	4,585,835		Saegusa	4/86	
	117	4,588,400		Ring et al.	5/86	
	118	4,600,404		Sheldon et al.	7/86	
	119	4,617,235		Shinonome et al.	10/86	
	120	4,627,806		Johnson	12/86	
	121	4,627,950		Matsui et al.	12/86	
	122	4,638,017		Larson et al.	1/87	
	123	4,640,810		Laursen et al.	2/87	
	124	4,650,409		Nistri et al.	3/87	
T.Z.	125	4,677,890		Yannes	7/87	
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	127	4,702,947		Pall et al.	10/87	
	128	4,724,980		Farley	2/88	
	129	4,725,489		Jones et al.	2/88	
	130	4,732,797		Johnson et al.	3/88	
	131	4,737,405		Bouchette	4/88	
	132	4,738,992	A	Larson et al.	4/88	
	133	4,740,398		Bouchette	4/88	
	134	4,753,844		Jones et al.	6/88	
	135	4,755,421		Manning et al.	7/88	
	136	4,772,492		Bouchette	9/88	
	137	4,772,501		Johnson, et al.	9/88	
	138	4,781,974		Bouchette et al.	11/88	
T.Z.	139	4,792,326		Tews	12/88	
	140	4,795,668		Krueger et al.	1/89	
	141	4,814,131		Atlas	3/89	
	142	4,837,078		Harrington	6/89	
	143	4,855,132		Heller et al.	8/89	
	144	4,894,118		Edwards et al.	1/90	
	145	4,930,942		Keyes et al.	6/90	
	146	4,966,808		Kawano	10/90	
	147	4,998,984		McClendon	3/91	
	148	5,009,652	A	Morgan et al.	4/91	

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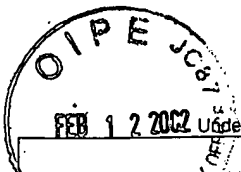
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V.2	149	5,033,172		Harrington	7/91	
	150	5,045,387		Schmalz	9/91	
	151	5,049,440		Bornhoeft, III et al.	9/91	
	152	5,053,482	A	Tietz	10/91	
	153	5,057,361	A	Sayovitz et al.	10/91	
	154	5,084,136	A	Haines et al.	1/92	
	155	5,096,640	A	Brody et al.	3/92	
	156	5,097,004	A	Gallagher et al.	3/92	
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	158	5,102,601	A	Farris et al.	4/92	
	159	5,104,367	A	Hill	4/92	
	160	5,104,923	A	Steinwand et al.	4/92	
	161	5,120,598	A	Robeson et al.	6/92	
	162	5,145,727	A	Potts et al.	9/92	
	163	5,149,335	A	Kellenberger et al..	9/92	
	164	5,149,576	A	Potts et al.	9/92	
	165	5,171,308	A	Gallagher et al.	12/92	
	166	5,171,309	A	Gallagher et al.	12/92	
	167	5,171,402	A	Haines et al.	12/92	
	168	5,173,526	A	Vijayendran et al.	12/92	
V.2	169	5,178,646	A	Barber, Jr., et al.	1/93	
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	171	5,181,966	A	Honeycutt et al.	1/93	
	172	5,181,967	A	Honeycutt	1/93	
	173	5,182,162	A	Andrusko	1/93	
	174	5,196,470	A	Anderson et al.	3/93	
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	177	5,207,662	A	James	5/93	
	178	5,207,837	A	Honeycutt	5/93	
	179	5,208,098	A	Stover	5/93	
	180	5,216,050	A	Sinclair	6/93	
	181	5,217,495	A	Kaplan et al.	6/93	
	182	5,217,798	A	Brady et al.	6/93	
	183	5,219,646	A	Gallagher et al.	6/93	

Examiner Signature		Date Considered	2/3/03
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	09/815,261
Filing Date	3/22/01
First Named Inventor	Branham et al.
Group Art Unit	1771
Examiner Name	
Attorney Docket Number	11302-1160 (44040-256044)

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of 13

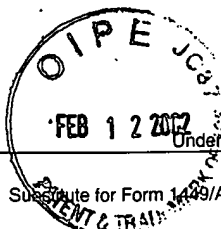
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Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
T. 2.	184	5,227,101	A	Mahoney et al.	7/93	
	185	5,246,647	A	Beck et al.	9/93	
	186	5,248,461	A	Pluyter et al.	9/93	
	187	5,256,417	A	Koltisko	10/93	
	188	5,257,982	A	Cohen et al.	11/93	
	189	5,264,269	A	Kakiuchi et al.	11/93	
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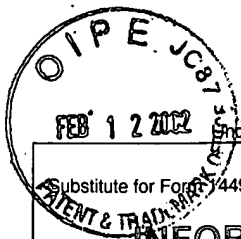
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	09/815,261
		Filing Date	3/22/01
		First Named Inventor	Branham et al.
		Group Art Unit	1771
		Examiner Name	
Sheet 7	of 13	Attorney Docket Number	11302-1160 (44040-256044)

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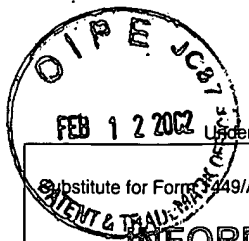
Sheet	8	of	13	Application Number	09/815,261
				Filing Date	3/22/01
				First Named Inventor	Branham et al.
				Group Art Unit	1771
				Examiner Name	
				Attorney Docket Number	11302-1160 (44040-256044)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
Sheet	9	of	13	Application Number	09/815,261
				Filing Date	3/22/01
				First Named Inventor	Branham et al.
				Group Art Unit	1771
				Examiner Name	
				Attorney Docket Number	11302-1160 (44040-256044)

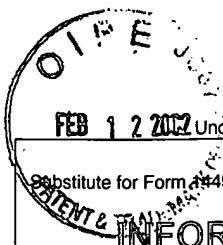
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V.2.	296	5,971,138	A	Soughan	10/99	
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
V.2.	324	EP	1 050 297	A2	Fort James Corporation	8/00		
	325	EP	0 619 074	A1	Kimberly-Clark Corporation	10/94		
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Sheet 10 of 13

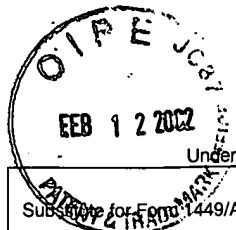
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P.2	330	WO	99/25318	A1	The Procter & Gamble Co.	5/99
	331	WO	99/07273	A1	The Procter & Gamble Co.	2/99
	332	WO	99/01106	A1	Firmenich S.A.	1/99
	333	WO	01/13880	A1	Unilever PLC et al.	3/01
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	361	EP	0 601 518	A1	Air Products & Chem. Inc.	6/94
	362	EP	0 608 460	B1	Lion Corporation	8/94
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P.2	365	EP	0 634 466	A2	Nat'l Starch & Chem. Inv. Holding Corp.	9/94

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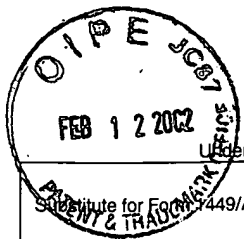
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	402	WO	93/07199	A1	E.I. Dupont de Nemones	4/93		

Examiner Signature		Date Considered	2/3/03
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Sheet	12	of	13	Application Number	09/815,261
				Filing Date	3/22/01
				First Named Inventor	Branham et al.
				Group Art Unit	1771
				Examiner Name	
				Attorney Docket Number	11302-1160 (44040-256044)

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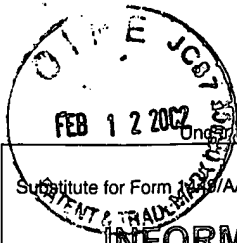
Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
T.2	403	WO	94/25189	A1	Honeycutt, Travis	11/94		
	404	WO	95/18191	A1	Eastman Chem. Corp.	7/95		
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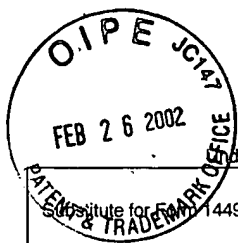
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		Application Number	09/815,261		
		Filing Date	3/22/01		
		First Named Inventor	Branham et al.		
		Group Art Unit	1771		
		Examiner Name			
Sheet	13	of	13	Attorney Docket Number	11302-1160 (44040-256044)

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Substitute for Form 1449/A/PTO	Application Number	09/815,261
	Filing Date	March 22, 2001
	First Named Inventor	Branham et al.
	Group Art Unit	1771
	Examiner Name	
Sheet 1	Attorney Docket Number	11302-1160 (44040-256044)

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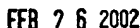
Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
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PTO/SB/08A (08-00)

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First Named Inventor

Branham et al.

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